



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3965

<b>SERIAL NUMBER</b> 10/674,735	<b>FILING OR 371(c) DATE</b> 09/30/2003 <b>RULE</b>	<b>CLASS</b> 375	<b>GROUP ART UNIT</b> 2611	<b>ATTORNEY DOCKET NO.</b> 678-1256 (P10487)
<b>APPLICANTS</b> Vahid Tarokh, Cambridge, MA; Jae-Hak Chung, Seoul, KOREA, REPUBLIC OF; Chan-Soo Hwang, Yongin-shi, KOREA, REPUBLIC OF; Yung-Soo Kim, Songnam-shi, KOREA, REPUBLIC OF;				
<b>** CONTINUING DATA *****</b> <i>NONE</i>				
<b>** FOREIGN APPLICATIONS *****</b> <i>NONE</i> <i>UK</i> REPUBLIC OF KOREA 59621/2002 09/30/2002				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 12/22/2003</b>				
Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <i>UK</i>	Examiner's Signature _____ Initials _____	<b>STATE OR COUNTRY</b> MA	<b>SHEETS DRAWING</b> 6	<b>TOTAL CLAIMS</b> 12
<b>INDEPENDENT CLAIMS</b> 4				
<b>ADDRESS</b> 28249				
<b>TITLE</b> Apparatus and method for transmitting and receiving signals using multiple antennas in mobile communication systems				
<b>FILING FEE RECEIVED</b> 834	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	